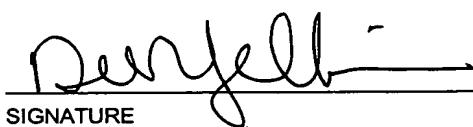
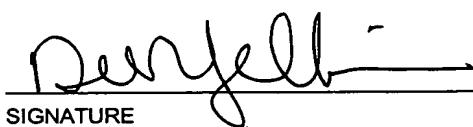
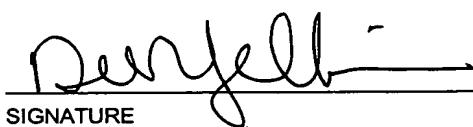


Substitute for Form PTO-1390		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 012679-110
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (if known; see 37 CFR 1.5) 107519476 To be assigned
INTERNATIONAL APPLICATION NO. PCT/KR2003/001301	INTERNATIONAL FILING DATE July 2, 2003	PRIORITY DATE CLAIMED July 2, 2002		
TITLE OF INVENTION NOVEL POLYPEPTIDE HAVING FUNCTION OF 7-KETO-8-AMINOPELARGONIC ACID SYNTHASE OF PLANT AND METHOD FOR INDUCING GROWTH INHIBITION AND LETHALITY BY SUPPRESSING EXPRESSION OF THE POLYPEPTIDE				
APPLICANT(S) FOR DO/EO/US Dong-Hee LEE, In-Taek HWANG, Jung-Sup CHOI, Yong-Ku MIN, Tae-Joon KIM, Jae-Heung KO, Tae-Hoon KIM, Yu-Shin PARK, Kwang-Yun CHO, and Seon-Woo LEE				
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:				
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission to items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below. 4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 				
Items 11 to 21 below concern document(s) or information included:				
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: <u>WO 2004/005500 A1; Receipt in the Case of an Original Deposit (2); International Search Report; English Translation of PCT Request; Form PCT/IPEA/401; Form PCT/IPEA/402; Form PCT/IPEA/408; Form PCT/IPEA/409; Form PCT/IPEA/416; Form PCT/IB/332; Form PCT/ISA/220; Form PCT/IB/306 (3); Form PCT/IB/301; Form PCT/IB/304; Form PCT/ISA/202; Form PCT/RO/105</u> 				

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER																																																																													
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<p>21. <input checked="" type="checkbox"/> Applicant(s) requests that the published application include the following assignment information: <u>GENOMINE INC. and KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY</u></p> <hr/> <hr/> <hr/>		CALCULATIONS PTO USE ONLY																																																																													
<p>22. <input checked="" type="checkbox"/> The following fees are submitted:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Basic Filing Fee (1631)</td> <td style="text-align: right;">\$ 300.00</td> </tr> <tr> <td colspan="2">Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).</td> <td style="text-align: right;"><input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 \$ 130.00</td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> </tr> <tr> <td>Total Claims</td> <td>19</td> <td>-20 = 0</td> </tr> <tr> <td>Independent Claims</td> <td>1</td> <td>-3 = 0</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td style="text-align: right;">+ \$360.00 (1616)</td> </tr> <tr> <td colspan="2">Examination Fee</td> <td style="text-align: right;">+ \$200.00 (1633) \$ 200.00</td> </tr> <tr> <td colspan="2">Search Fee</td> <td style="text-align: right;">+ \$500.00 (1632) \$ 500.00</td> </tr> <tr> <td colspan="2">App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)</td> <td></td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">TOTAL OF ABOVE CALCULATIONS = \$ 1,130.00</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td> <td style="text-align: right;">+ \$ 565.00</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">SUBTOTAL = \$ 565.00</td> </tr> <tr> <td colspan="2">Processing fee of \$130.00 (1618) for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td style="text-align: right;"><input type="checkbox"/> 20 <input type="checkbox"/> 30 \$ 0.00</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">TOTAL NATIONAL FEE = \$ 565.00</td> </tr> <tr> <td colspan="2">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 (8021) per property +</td> <td style="text-align: right;">\$ 40.00</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">TOTAL FEES ENCLOSED = \$ 605.00</td> </tr> <tr> <td colspan="2"></td> <td style="text-align: right;">Amount to be refunded : charged :</td> </tr> <tr> <td>a. <input checked="" type="checkbox"/> A check in the amount of \$ 605.00 to cover the above fees is enclosed.</td> <td colspan="2"></td> </tr> <tr> <td>b. <input type="checkbox"/> Please charge my Deposit Account No. 02-4800 in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</td> <td colspan="2"></td> </tr> <tr> <td>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-4800. A duplicate copy of this sheet is enclosed.</td> <td colspan="2"></td> </tr> <tr> <td>d. <input type="checkbox"/> Charge _____ to credit card. Form PTO-2038 is attached.</td> <td colspan="2"></td> </tr> <tr> <td colspan="3">NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</td> </tr> <tr> <td colspan="3">SEND ALL CORRESPONDENCE TO:</td> </tr> <tr> <td colspan="3"> <p>Burns, Doane, Swecker & Mathis, L.L.P. P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620</p> </td> </tr> <tr> <td colspan="3">  SIGNATURE Deborah H. Yellin NAME </td> </tr> <tr> <td colspan="3"> 45,904 December 30, 2004 REGISTRATION NO. DATE </td> </tr> </table>		Basic Filing Fee (1631)		\$ 300.00	Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).		<input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 \$ 130.00	CLAIMS	NUMBER FILED	NUMBER EXTRA	Total Claims	19	-20 = 0	Independent Claims	1	-3 = 0	MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360.00 (1616)	Examination Fee		+ \$200.00 (1633) \$ 200.00	Search Fee		+ \$500.00 (1632) \$ 500.00	App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)					TOTAL OF ABOVE CALCULATIONS = \$ 1,130.00	<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. 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